

Form PTO-1449 (modified)

Atty. Docket No.

UTSB:646/BOW

Serial No.

08/998,264

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicants

Michel Armand, John B. Goodenough, Akshaya K. Padhi, K.S. Nanjundaswamy and Christian Masquelier

Filing Date:

December 24, 1997

Group:

1741

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Other Art

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
<i>a</i>	A1	4,959,281	09/25/90	Nishi <i>et al.</i>	429	194	08/29/89
<i>a</i>	A2	4,526,844	07/02/85	Yoldas <i>et al.</i>	429	30	04/14/83

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>a</i>	C1	Delmas and Nadiri, "The chemical short circuit method. An improvement in the intercalation-deintercalation techniques," <i>Mater. Res. Bull.</i> , 23:65-72, 1988.
<i>a</i>	C2	Goodenough <i>et al.</i> , "Fast Na ⁺ - ion transport in skeleton structures," <i>Mater. Res. Bull.</i> 11:203-220, 1976.
<i>a</i>	C3	Guyomard and Tarascon, "Li metal-free rechargeable LiMn ₂ O ₄ /carbon cells: Their understanding and optimization," <i>J. Electrochem. Soc.</i> , 139:937-948, 1992.
<i>a</i>	C4	Long <i>et al.</i> , "A study of anhydrous iron(III) sulfate by magnetic susceptibility, Mössbauer, and neutron diffraction techniques," <i>Inorg. Chem.</i> , 18:624-632, 1979.
<i>a</i>	C5	Manthiram and Goodenough, "Lithium insertion into Fe ₂ (SO ₄) frameworks," <i>J. Power Sources</i> , 26:403-408, 1989.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
CL	C6	Masquelier <i>et al.</i> , "Chemical and magnetic characterization of spinel materials in the LiMn_2O_4 - $\text{Li}_2\text{Mn}_2\text{O}_9$ - $\text{Li}_4\text{Mn}_5\text{O}_{12}$ system," <i>J. Solid-State Chem.</i> 123:255-266, 1996.
CL	C7	Mizushima <i>et al.</i> , " Li_xCoO_2 ($0 < x \leq 1$): A new cathode material for batteries or high energy density," <i>Mater. Res. Bull.</i> , 15:783-789, 1980.
CL	C8	Nanjundaswamy <i>et al.</i> , "Synthesis, redox potential evaluation and electrochemical characteristics of NASICON-related-3D framework compounds," <i>Solid State Ionics</i> , 92:1-10, 1996.
CL	C9	Okada <i>et al.</i> , " $\text{Fe}_2(\text{SO}_4)_3$ as a cathode material for rechargeable lithium batteries," <i>Proc. 36th Power Sources Conf.</i> , Cherry Hill, New Jersey, June 6-9, 1994.
CL	C10	Schöllhorn and Payer, "c- TiS_2 , a new modification of titanium disulfide with cubic structure," <i>Agnew. Chem. (Int. Ed. Engl.)</i> , 24:67-68, 1985.
CL	C11	Sinha and Murphy, "Lithium intercalation in cubic TiS_2 ," <i>Solid State Ionics</i> , 20:81-84, 1986.
CL	C12	Thomas <i>et al.</i> , "Synthesis and structural characterization of the normal spinel $\text{Li}[\text{Ni}_2]\text{O}_4$," <i>Mater. Res. Bull.</i> , 20:1137-1146, 1985.
CL	C13	Thackeray <i>et al.</i> , "Electrochemical extraction of lithium from LiMn_2O_4 ," <i>Mater. Res. Bull.</i> , 19:179-187, 1984.
CL	C14	Thackeray <i>et al.</i> , "Lithium insertion into manganese spinels," <i>Mater. Res. Bull.</i> 18:461-472, 1983.
CL	C15	Wang and Hwu, "A new series of mixed-valence titanium (III/IV) phosphates, $\text{Li}_{1+x}\text{Ti}_2(\text{PO}_4)_3$ ($0 < x \leq 2$) with NASICON-related structures," <i>Chem. of Mater.</i> 4:589-595, 1992.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
Q	C16	Petit <i>et al.</i> , CA, 115:238022, Abstract only, 1991.

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Foreign Patent Documents

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

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<i>a</i>	C17	Masquelier <i>et al.</i> , "New Cathode materials for rechargeable lithium batteries: the 3-D framework structures $\text{Li}_3\text{Fe}_2(\text{XO}_4)_3$ ($\text{X}=\text{P}, \text{As}$)," <i>J. of Solid State Chemistry</i> , 135:228-234, 1998.
<i>a</i>	C18	Padhi <i>et al.</i> , "Effect of structure on the $\text{Fe}^{3+}/\text{Fe}^{2+}$ redox couple in iron phosphates," <i>J. of the Electrochem. Society</i> , 144:1609-1613, 1997.
<i>a</i>	C19	Padhi <i>et al.</i> , "Mapping of transition metal redox energies in phosphates with NASICON structure by lithium intercalation," <i>J. Electrochem. Soc.</i> , 144:2581-2586, 1997.
<i>a</i>	C20	Padhi <i>et al.</i> , "Phospho-olivines as positive-electrode materials for rechargeable lithium batteries," <i>J. Electrochem. Soc.</i> , 144: 1188-1194, 1997.
<i>a</i>	C21	Padhi <i>et al.</i> , "Tuning the position of the redox couples in materials with NASICON structure by anionic substitution," <i>J. Electrochem. Soc.</i> , 145:1518-1520, 1998.

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